

INTERNATIONAL SEARCH REPORT

International Application No	PCT/EP2004/014392
------------------------------	-------------------

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	C07C237/42	C07C271/10	C07C271/26	C07C275/24	C07C275/28
	C07C309/66	C07C311/06	C07C323/60	C07C327/34	C07C333/04
	C07C333/08	A01N37/18			

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, PAJ, BEILSTEIN Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 03/066576 A (BASF AKTIENGESELLSCHAFT; MENGES, MARKUS; PUHL, MICHAEL; RENTZEA, COSTI) 14 August 2003 (2003-08-14) cited in the application the whole document</p> <p>-----</p> <p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SOLOSHONOK, VADIM A. ET AL: "Gold(I)-catalyzed asymmetric aldol reactions of fluorinated benzaldehydes with an .alpha.-isocyanoacetamide" XP002329711 retrieved from STN Database accession no. 1994:534014 abstract</p> <p>-/-</p>	1-12
X		1-3,5

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the international filing date
- °L° document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the international filing date but later than the priority date claimed

- °T° later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- °X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- °Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- °&° document member of the same patent family

Date of the actual completion of the international search

1 September 2005

Date of mailing of the international search report

14.09.2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Österle, C

INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2004/014392

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>& TETRAHEDRON: ASYMMETRY , 5(6), 1091-4 CODEN: TASYE3; ISSN: 0957-4166, 1994, -----</p> <p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SOLOSHONOK, VADIM A. ET AL: "Gold(I)-catalyzed asymmetric aldol reaction of methyl isocyanoacetate with fluorinated benzaldehydes" XP002329712 retrieved from STN Database accession no. 1995:11127 abstract</p> <p>& TETRAHEDRON LETTERS , 35(17), 2713-16 CODEN: TELEAY; ISSN: 0040-4039, 1994, -----</p>	8
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; JOMMI, GIANCARLO ET AL: "Asymmetric synthesis of .beta.-hydroxy-.alpha.-amino acids by condensation of aliphatic and aromatic aldehydes with zinc(II) and copper(II) complexes of (1R)-3-hydroxymethylene bornan-2-one glycine imines" XP002329713 retrieved from STN Database accession no. 1995:177010 abstract</p> <p>& GAZZETTA CHIMICA ITALIANA , 124(7), 299-300 CODEN: GCITA9; ISSN: 0016-5603, 1994, -----</p>	8
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SOLOSHONOK, VADIM A. ET AL: "Transition Metal/Base-Catalyzed Aldol Reactions of Isocyanoacetic Acid Derivatives with Prochiral Ketones, a Straightforward Approach to Stereochemically Defined .beta.,.beta.-Disubstituted-.beta.-hydroxy -.alpha.-amino Acids.1 Scope and Limitations" XP002329714 retrieved from STN Database accession no. 1997:315104 abstract</p> <p>& JOURNAL OF ORGANIC CHEMISTRY , 62(11), 3470-3479 CODEN: JOCEAH; ISSN: 0022-3263, 1997, -----</p> <p style="text-align: center;">-/-</p>	8

INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2004/014392

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 004 008 A (MAKOVEC ET AL) 18 January 1977 (1977-01-18) *Diagramm 1*examples -----	6
A	WO 97/05865 A (FIBROGEN, INC; BRENNER, MITCH; HO, WEN-BIN) 20 February 1997 (1997-02-20) cited in the application the whole document -----	1-5
A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 128 (C-0924), 2 April 1992 (1992-04-02) & JP 03 294253 A (SHIONOGI & CO LTD), 25 December 1991 (1991-12-25) cited in the application abstract -----	1-5
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 02, 26 February 1999 (1999-02-26) & JP 10 298151 A (JAPAN ENERGY CORP), 10 November 1998 (1998-11-10) cited in the application abstract -----	1-5
A	GB 2 369 117 A (* WARNER-LAMBERT COMPANY) 22 May 2002 (2002-05-22) cited in the application the whole document -----	1-5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/EP2004/014392	
---	--

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 03066576	A 14-08-2003		DE 10204951 A1 AU 2003205712 A1 CA 2474354 A1 WO 03066576 A1 EP 1474381 A1	14-08-2003 02-09-2003 14-08-2003 14-08-2003 10-11-2004
US 4004008	A 18-01-1977		IT 1062206 B AT 342026 B AT 74575 A AT 343632 B AT 74675 A AU 7775075 A BE 824995 A1 CA 1047498 A1 CA 1048503 A1 CH 605657 A5 CH 605658 A5 DE 2503992 A1 ES 434323 A1 FI 750255 A ,B, FI 750256 A ,B, FR 2259592 A1 GB 1467927 A HK 38979 A HU 174825 B HU 175156 B IN 139364 A1 JP 984280 C JP 50116441 A JP 54017728 B JP 984281 C JP 50116442 A JP 54017729 B NL 7501193 A ,B, NO 750287 A ,B, NO 750288 A ,B, SE 410850 B SE 7501114 A SE 413094 B SE 7501115 A ZA 7500530 A	20-09-1983 10-03-1978 15-07-1977 12-06-1978 15-10-1977 05-08-1976 15-05-1975 30-01-1979 13-02-1979 13-10-1978 13-10-1978 14-08-1975 16-12-1976 02-08-1975 02-08-1975 29-08-1975 23-03-1977 22-06-1979 28-03-1980 28-05-1980 12-06-1976 22-01-1980 11-09-1975 02-07-1979 22-01-1980 11-09-1975 02-07-1979 05-08-1975 25-08-1975 25-08-1975 12-11-1979 04-08-1975 14-04-1980 04-08-1975 28-01-1976
WO 9705865	A 20-02-1997		AU 6951296 A BR 9609883 A CA 2229098 A1 CN 1198096 A EP 0845987 A1 JP 11511137 T WO 9705865 A1 AU 6764396 A BR 9610070 A CA 2229044 A1 CN 1198775 A EP 0871710 A1 JP 11510697 T WO 9706242 A1 US 6020193 A US 2002037574 A1	05-03-1997 23-03-1999 20-02-1997 04-11-1998 10-06-1998 28-09-1999 20-02-1997 05-03-1997 27-07-1999 20-02-1997 11-11-1998 21-10-1998 21-09-1999 20-02-1997 01-02-2000 28-03-2002

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/014392

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9705865	A	US	6258584 B1	10-07-2001
JP 03294253	A	25-12-1991	NONE	
JP 10298151	A	10-11-1998	NONE	
GB 2369117	A	22-05-2002	AU 1607902 A BR 0115414 A CA 2426089 A1 WO 0240469 A1 EP 1334100 A1 JP 2004513945 T MX PA03003892 A US 2004116440 A1	27-05-2002 09-09-2003 23-05-2002 23-05-2002 13-08-2003 13-05-2004 28-07-2003 17-06-2004